TECHNICAL WORK MAY NOT BEGIN PRIOR TO CTR ACCEPTANCE

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- 99124 TASK NO. 132 AMENDMENT	924-227-46-62-89	2000

TASK TITLE: (NTE 80 characters; include Project name)

GLAS Instrument Electronics Engineering Services

APPROVALS: (Type or print name and sign)

	DATE	ORG CODE	MAIL CODE	PHONE
ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR) Gregory L. Henegar	8/30/99	564	564	301-286-7847
BRANCH HEAD Robert Kasa	8/30/99	CODE 564		PHONE 301-286-8043
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR) Robert S. Lebair, Jr	9/2/99	CODE 560		PHONE 301-286-6588

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)	CONTRACTING OFFICER'S QUALITY REP.	DESIGNATED FAM:
[ ] NO [√] YES	Per E-mail, Lorrie Eakin for Larry Moore 9/10/99	

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)
C.O. Requested Quote on:
Date: SEP 10 1999

Contractor will develop specification or statement of work under this task for a future procurement. [√] NO [ ] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [ ] NO [ ] YES [√] N/A

Government Furnished Property/Facilities: [√] NO [ ] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [ ] NO [√] YES If yes: [ ] TOTAL [√] PARTIAL
If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: [√] NO [ ] YES

Highlighted Contract Clauses: *(to be completed by Contracting Officer)*

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be October 1, 1999.

INCENTIVE FEE STRUCTURE (check one)

	___ No. 1	___ No. 2	_√_ No. 3	___ No. 4	___ No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is $ 170,029.
The target fee of this task order is $ 11,017.
The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is $ 181,046.

The maximum fee is $ 16,102.
The minimum fee is $0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Lorrie L. Eakin — 1/14/00 — Lorrie L. Eakin, Contracting Officer

SIGNATURE OF CONTRACTING OFFICER | DATE | TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE | DATE

GSFC FORM 703-1845 12/98 (OLDER VERSIONS ARE OBSOLETE)

DISTRIBUTION: CONTRACTOR, CONTRACTING OFFICER, COTR, CODE 303, RESOURCES ANALYST, ASSISTANT TECHNICAL REPRESENTATIVE

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	NAS5-	TASK NO.	AMENDMENT
QSS Group, Inc.	99124	132	

Applicable paragraphs from contract Statement of Work: Function 2D Function 2E Function 4F

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

(This is a continuation of Task 29 under this contract. Task start date is 10/1/99.)

The Contractor shall perform engineering design, fabrication and testing services as members of the GLAS Instrument Electronics Team. These services include:

• Continued development of the following Engineering Model and Flight Model Electronics boards: Photon Counter, Cloud Digitizer, Housekeeping, Temperature Controller, Laser Monitor, Oscillator/Switch, Motherboard, Energy Monitor, and 2 types of Motherboard Extenders. This includes design of the electronics boards, prototyping and testing of key circuits, development of schematics, monitoring and approval of printed circuit board layout, fabrication and assembly, standalone testing of individual circuit boards, support for the integration and testing of the GLAS Main Electronics Unit(MEU), and support for the integration and testing of the MEU with the GLAS Instrument. The Contractor shall consult with the other GLAS engineers as needed to assure a consistent and correct design of the MEU as a whole.

• Logistical support for quick-turnaround engineering services. This includes acquisition of small quantities of parts for the GLAS MEU . This also includes services such as Printed Circuit Board layout, fabrication, and assembly, and breadboard assembly. This requirement will be small quantity or low volume work only.

These services are to be provided as part of an integrated GLAS Electronics Team consisting of Civil Servants and other contractors, with many interdependencies between individuals and organizations.

Contractor QA is responsible for inspecting, reviewing and approving all hardware and documentation prior to government acceptance.

PERFORMANCE SPECIFICATIONS:

The Electronics boards shall meet the overall interface and performance specifications defined in the GLAS Functional Requirements Document and the GLAS Electronics Box ICD .

APPLICABLE DOCUMENTS:

TASK END DATE: 09/30/2000

MILESTONES/DELIVERABLES AND DATES:

Engineering Model Integration and Test: 10/1/1999 - 12/31/1999
Flight Model Development 10/1/1999 - 12/31/1999
Flight Model Integration and Test: 11/1/1999 - 5/1/2000
Instrument Integration and Test 10/1/1999 - 9/30/2000

PERFORMANCE STANDARDS:

Schedule: Engineering and Flight Model designs delivered on-time for Integration and Testing
Technical: Meets Performance Specifications as Determined by the ATR

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Gregory L. Henegar, building 11, room E239